

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An anastomosis device comprising:
a first component configured to be secured to a vessel and having an opening adapted to be placed in fluid communication with a lumen of the vessel;
a second component configured to be secured to a graft vessel and having an opening adapted to be placed in fluid communication with a lumen of the graft vessel;
[wherein] at least one of the components including [the component comprises] a material having the ability to produce or be attracted by a magnetic field so that the first and second components are magnetically attracted to one another; and
[wherein] the first and second components being [component is] configured to be secured to an outer wall of the vessel and graft vessel [substantially without any fixation structure being present in the vessel lumen] so that the first and second components contact one another when secured together to form the anastomosis.
2. (Currently Amended) The device of claim 1, wherein the first component is configured to be secured to the vessel without any fixation structure being present in the vessel lumen.
3. (Currently Amended) The device of claim 1, wherein the first component has a surface configured to be secured to the vessel wall by adhesive.
4. (Currently Amended) An anastomosis device comprising:
a first component having a portion configured to be adhered to [[a]] an outer wall of a vessel by biocompatible adhesive to define a blood flow path into the vessel; and
a second component having a portion configured to be adhered to a wall of a graft vessel, the first and second components being magnetically attracted to one another; and

[wherein] the first [component is] configured to be secured to an outer wall of the vessel [wall] by an additional, nonadhesive-based attachment mechanism, the first and second components contacting one another when secured together to create the anastomosis.

5 . (Currently Amended) The device of claim 4, wherein the portion of the first component and the attachment mechanism are configured to secure the first component to the vessel without any fixation structure being present in the vessel lumen.

6 . (Currently Amended) The device of claim 4, wherein the first component comprises a material having the ability to produce or be attracted by a magnetic field.

7. Canceled

8. Canceled

9. Canceled

10. Canceled